Abstract of the Disclosure

In a sectored cell of a cellular communication network, channels are dynamically reassigned from a first sector in the cell to a second sector in the same cell when the loading in the first sector reaches a predetermined threshold. The channels allocated to the cell are further subdivided into subgroups and assigned initially to respective sectors in the cell. During normal operation, the channels in each sector are allocated to users in that sector in the usual manner. When the number of channels allocated in a first sector of the cell reaches a predetermined threshold, the base station controller polls the remaining sectors for unused channels. If an unused channel is found, that channel may be reassigned to the first sector. In one embodiment, the base station controller polls the controller in the nearest co-channel cells before reassigning the channel to prevent co-channel interference.